Contents

Abramian, K.S., see Rostomian, M.A., et al. 531
Abu-Sinna, G., see El-Salhy, M., et al. 391
Andersen, H., see Hansen, T.L. 211
Aus, H.M., see Kriete, A., et al. 227
Bácsy, E., Iván, É., Vu duc Moi, Rappay, Gy.: Lysosomes in Anterior Pituitary Corticotrophs of the Rat. A Combined Immunocytochemical and Enzyme Cytochemical Study 231
Bajardi, F., Benedetto, C., Nöhammer, G., Schauenstein, E., Slater, T.F.: Histophotometrical Investigations on the Content of Protein and Protein Thiols in the Epithelium and Stroma of the Human Uterine Cervix. II. Intraepithelial Neoplasia 95
Barden, H., Koulish, S.: The Dark Brown Integumentary Pigment of a Barnacle (*Balanus eburneus*). A Comparative Study 41
Bellani, L.M., see Gahan, P.B., et al. 399
Benedetto, C., see Bajardi, F., et al. 95
Bosch, K.S., see Frederiks, W.M., et al. 459
Boudin, M., see Goldberg, M., et al. 145
Boyde, A., Reid, S.A., Poole, S., Maroudas, N., Carrassi, A.: A New Method of Image Formation Using Cathodoluminescence in the SEM: CL Absorption by Superficial Stains (Short Communication) 285
Breuer, H., see Wagener, C., et al. 1
Bührle, Ch.Ph., see Taugner, R., et al. 61
Camefort, H., see Sangwan, R.S. 473
Carrassi, A., see Boyde, A., et al. 285
Cohn, N.S., see Mitchell, J.P., et al. 101
Cowden, R.R., see Curtis, S.K. 503
Curtis, S.K., Cowden, R.R.: Evaluation of Five Basic Fluorochromes of Potential Use in Microfluorometric Studies of Nucleic Acids 503
Deimann, W., see Yokota, S., et al. 425
Deimling, O. von, Müller, M., Eisenhardt, E.: The Non-Specific Esterases of Mouse Lung 271
Drews, U., see Reich, A. 383
Dziedzic-Goclawska, A., see Ostrowski, K., et al. 435
Eisenhardt, E., see Deimling, O. von, et al. 271
El-Salhy, M., Abu-Sinna, G., Wilander, E.: The Endocrine Pancreas of a Squamate Reptile, the Desert Lizard (*Chalcides ocellatus*). A Histological and Immunocytochemical Investigation 391
El-Salhy, M., Wilander, E., Juntti-Berggren, L., Grimelius, L.: The Distribution and Ontogeny of Polypeptide YY (PYY)- and Pancreatic Polypeptide (PP)-Immunoreactive Cells in the Gastrointestinal Tract of Rat 53
Engel, M.B., see Horowitz, E. 451
Escaig, F., see Goldberg, M., et al. 145
Fahimi, H.D., see Yokota, S., et al. 425
Ferri, G.-L., see Kurian, S.S., et al. 523
Födisch, H.-J., see Wagener, C., et al. 1
Frederiks, W.M., Myagkaya, G.L., Bosch, K.S., Fronik, G.M., Veen, H.v., Vogels, I.M.C., James, J.: The Value of Enzyme Leakage for the Prediction of Necrosis in Liver Ischemia 459
Frenk, E., see Walzer, C. 491
Fronik, G.M., see Frederiks, W.M., et al. 459
Fujimoto, E., see Miki, A., et al. 81
Gahan, P.B., Bellani, L.M., Rana, M.A., Lake, B.D.: A Quantitative Cytochemical Method for Phosphofructokinase in Plant Tissues 399
Ganten, D., see Taugner, R., et al. 61
Gerlach, B., see Kriete, A., et al. 227
Ghoneim, S., see Squier, C.A., et al. 513
Gibbs, F.P., see Paull, W.K. 303
Goldberg, M., Lelous, M., Escaig, F., Boudin, M.: Lipids in the Developing Enamel of the Rat Incisor. Parallel Histochemical and Biochemical Investigations 145
Gossrau, R., see Lojda, Z. 251
Grimelius, L., see El-Salhy, M., et al. 53
Grimmelikhuijzen, C.J.P.: FMRFamide Immunoreactivity is Generally Occurring in the Nervous Systems of Coelenterates 361
Hackenthal, E., see Taugner, R., et al. 61
Hagerman, F.C., see Staron, R.S., et al. 33, 405
Hain, F., see Wagener, C., et al. 1
Hajós, F., see Rostomian, M.A., et al. 531
Hansen, T.L., Andersen, H.: Succinate Dehydrogenase Activity in Cultured Human Skin Fibroblasts and Amniotic Fluid Cells. A Methodological Study 211
Hardegg, Ch., see Taugner, R., et al. 61
Hardegg, G., see Taugner, R., et al. 61
Hardonk, M.J., see Hulstaert, C.E., et al. 71
Harms, H., see Kriete, A., et al. 227
Hashimoto, T., see Yokota, S., et al. 425
Haucke, M., see Kriete, A., et al. 227
Hikida, R.S., see Staron, R.S., et al. 33, 405
Hildebrand, R.: Microbiochemical Approach to Liver Cell Heterogeneity around Terminal Hepatic Venules 539

Horák, V.: A Successive Histochemical Staining for Succinate Dehydrogenase and "Reversed"-ATPase in a Single Section for the Skeletal Muscle Fibre Typing 545
Horowitz, E., Engel, M.B.: Microprobe Analysis of Human Masseter Muscle Biopsies 451
Hulstaert, C.E., Kalicharan, D., Hardonk, M.J.: Cytochemical Demonstration of Phosphatases in the Rat Liver by a Cerium-Based Method in Combination with Osmium Tetroxide and Potassium Ferrocyanide Postfixation 71
Inenaga, K., see Kawata, M., et al. 21
Iván, E., see Bácsy, E., et al. 231
James, J., see Frederiks, W.M., et al. 459
Jansson, E., Sylvén, C.: Myoglobin Concentration in Single Type I and Type II Muscle Fibres in Man 121
Juntti-Berggren, L., see El-Salhy, M., et al. 53
Kalicharan, D., see Hulstaert, C.E., et al. 71
Kálmán, M., see Rostomian, M.A., et al. 531
Kameko, M., see Usuda, N., et al. 487
Kanai, M., see Usuda, N., et al. 487
Kawata, M., Sano, Y., Inenaga, K., Yamashita, H.: Immunohistochemical Identification of Lucifer Yellow-Labeled Neurons in the Rat Supraoptic Nucleus 21
King, J.C., see Paull, W.K. 413
Konijnendijk, W., see Wolters, G.H.J., et al. 325
Koulish, S., see Barden, H. 41
Kremenak, C.R., see Squier, C.A., et al. 513
Kriete, A., Romen, W., Schäffer, R., Harms, H., Haucke, M., Gerlach, B., Aus, H.M., Meulen, V. ter: Computer Analysis of Chromatin Arrangement and Nuclear Texture in Follicular Thyroid Tumours 227
Ksiazek, T., see Ostrowski, K., et al. 435
Kurian, S.S., Ferri, G.-L., Mey, J. De, Polak, J.M.: Immunocytochemistry of Serotonin-Containing Nerves in the Human Gut 523
Lake, B.D., see Gahan, P.B., et al. 399
Larabi, Y., see Tsuji, S. 317
Lelous, M., see Goldberg, M., et al. 145
Lenczowski, S., see Ostrowski, K., et al. 435
Leranth, C.S., see Squier, C.A., et al. 513
Lönnerholm, G.: Carbonic Anhydrase in the Monkey Kidney 195
Lojda, Z., Gossrau, R.: Histochemical Demonstration of Enteropeptidase Activity. New Method with a Synthetic Substrate and its Comparison with the Trypsinogen Procedure 251
Maly, I.P., Sasse, D.: A Technical Note on the Histochemical Demonstration of G6Pase Activity (Short Communication) 409
Marani, E., Tetteroo, P.A.T.: A Longitudinal Band-Pattern for the Monoclonal Human Granulocyte Antibody $B_{4.3}$ in the Cerebellar External Granular Layer of the Immature Rabbit 157
Maroudas, N., see Boyde, A., et al. 285
Mey, J. De, see Kurian, S.S., et al. 523
Miki, A., Fujimoto, E., Mizoguti, H.: Acetylcholinesterase Activity in Neural Crest Cells of the Early Chick Embryo 81
Mitchell, J.P., Cohn, N.S., Ploeg, M. Van der: Quantitative Changes in the Degree of Chromatin Condensation during the Cell Cycle in Differentiating *Pisum sativum* Vascular Tissue 101
Mizoguti, H., see Miki, A., et al. 81
Müller, M., see Deimling, O. von, et al. 271
Müller, U., see Munz, K., et al. 339
Munz, K., Müller, U., Waser, P.G.: Electron Microscopic Localization of Choline Acetyl Transferase Activity in the Electric Organ of *Torpedo marmorata* 339
Myagkaya, G.L., see Frederiks, W.M., et al. 459
Nagata, T., see Usuda, N., et al. 487
Nilsson, J., see Ostrowski, K., et al. 435
Nobiling, R., see Taugner, R., et al. 61
Nöhammer, G., see Bajardi, F., et al. 95
Oda, T., see Yokota, S. 417
Ono, T., see Seno, S., et al. 27
Ormanns, W., Schäffer, R.: The Use of Monoclonal Antibodies against Thyroglobulin in Immunoperoxidase Techniques 177
Ostrowski, K., Thyberg, J., Dziedzic-Goclawska, A., Rózycka, M., Lenczowski, S., Ksiazek, T., Nilsson, J., Palmberg, L., Sjölund, M.: Application of Optical Diffractometry in Studies of Cell Fine Structure. Comparison of Arterial Smooth Muscle Cells in Contractile and Synthetic State 435
Palmberg, L., see Ostrowski, K., et al. 435
Partanen, S.: Simultaneous Azo-Coupling Method for an Estrogen Sulfatase in Human Tissues 241
Parvinen, E.-K., see Väänänen, H.K. 481
Pasma, A., see Wolters, G.H.J., et al. 325
Paull, W.K., Gibbs, F.P.: The Corticotropin Releasing Factor (CRF) Neurosecretory System in Intact, Adrenalectomized, and Adrenalectomized-Dexamethasone Treated Rats. An Immunocytochemical Analysis 303

Paull, W.K., King, J.C.: A Rinsing and Incubation Chamber Used for Immunocytochemistry of Vibratome Sections (Short Communication) 413
Ploeg, M. Van der, see Mitchell, J.P., et al. 101
Polak, J.M., see Kurian, S.S., et al. 523
Poole, S., see Boyde, A., et al. 285
Prus, K., Wallin, M.: The ATPase Activity in Brain Microtubule Preparations is Membrane-Associated 181
Rana, M.A., see Gahan, P.B., et al. 399
Rappay, Gy., see Bácsy, E., et al. 231
Reich, A., Drews, U.: Choline Acetyltransferase in the Chick Limb Bud 383
Reichmann, H., Srihari, T.: Enzyme Activities, Histochemistry and Myosin Light Chain Pattern in Extraocular Muscles of Rabbit 111
Reid, S.A., see Boyde, A., et al. 285
Rhodes, R.H.: An Ultrastructural Study of Histochemical Staining of Complex Carbohydrates in the Mouse Posterior Vitreous Body 125
Rhodes, R.H.: A Comparative Study of Vitreous-Body and Zonular Glycoconjugates that Bind to the Lectin from *Ulex europaeus* 349
Romen, W., see Kriete, A., et al. 227
Rostomian, M.A., Abramian, K.S., Kálmán, M., Hajós, F.: Two Pools of Electron Cytochemically Demonstrable Adenylate Cyclase Activity in Cortical Synaptosomes 531
Rózycka, M., see Ostrowski, K., et al. 435
Sangwan, R.S., Camefort, H.: The Tonoplast, a Specific Marker of Embryogenic Microspores of *Datura* Cultured in vitro 473
Sano, Y., see Kawata, M., et al. 21
Sasaki, F., Watanabe, K.: Tail Muscle Hydrolases During Metamorphosis of the Anuran Tadpole. I. Histochemical Studies 11
Sasse, D., see Maly, I.P. 409
Schäffer, R., see Kriete, A., et al. 227
Schäffer, R., see Ormanns, W. 177
Schauenstein, E., see Bajardi, F., et al. 95
Seno, S., Tsujii, T., Ono, T., Ukita, S.: Cationic Cacodylate Iron Colloid for the Detection of Anionic Sites on Cell Surface and the Histochemical Stain of Acid Mucopolysaccharides 27
Sjölund, M., see Ostrowski, K., et al. 435
Slater, T.F., see Bajardi, F., et al. 95
Squier, C.A., Leranth, C.S., Ghoneim, S., Kremenak, C.R.: Electron Microscopic Immunochemical Localization of Actin in Fibroblasts in Healing Skin and Palate Wounds of Beagle Dog 513
Srihari, T., see Reichmann, H. 111
Staron, R.S., Hikida, R.S., Hagerman, F.C.: Reevaluation of Human Muscle Fast-Twitch Subtypes: Evidence for a Continuum 33
Staron, R.S., Hikida, R.S., Hagerman, F.C.: Myofibrillar ATPase Activity in Human Muscle Fast-Twitch Subtypes (Short Communication) 405
Straus, W.: Competition Between Glycoprotein Hormones and Horseradish Peroxidase for Mannose-Specific Binding Sites in Cells of Endocrine Organs 289
Sylvén, C., see Jansson, E. 121
Taugner, R., Bührle, Ch.Ph., Ganten, D., Hackenthal, E., Hardegg, Ch., Hardegg, G., Nobiling, R., Unger, Th.: Angiotensin-like Activity in Resistance Vessels. Immunocytochemical Study in Chinese Hamsters 61
ter Meulen, V., see Kriete, A., et al. 227
Tetteroo, P.A.T., see Marani, E. 157
Thyberg, J., see Ostrowski, K., et al. 435
Tsuji, S., Larabi, Y.: A Modification of Thiocholine-Ferricyanide Method of Karnovsky and Roots for Localization of Acetylcholinesterase Activity without Interference by Koelle's Copper Thiocholine Iodide Precipitate 317
Tsujii, T., see Seno, S., et al. 27
Ukita, S., see Seno, S., et al. 27
Unger, Th., see Taugner, R., et al. 61
Usuda, N., Kameko, M., Kanai, M., Nagata, T.: Immunocytochemical Demonstration of Retinol-Binding Protein in the Lysosomes of the Proximal Tubules of the Human Kidney 487
Väänänen, H.K., Parvinen, E.-K.: High Active Isoenzyme of Carbonic Anhydrase in Rat Calvaria Osteoclasts. Immunohistochemical Study 481
Veen, H.v., see Frederiks, W.M., et al. 459
Vogels, I.M.C., see Frederiks, W.M., et al. 459
Vu duc Moi, see Bácsy, E., et al. 231
Wagener, C., Hain, F., Födisch, H.-J., Breuer, H.: Localisation of Carcinoembryonic Antigen in Embryonic and Fetal Human Tissues 1
Wallin, M., see Prus, K. 181
Walzer, C., Frenk, E.: Ultrastructural Demonstration of Endogeneous Peroxidase Activity in Mammalian Epidermis 491
Waser, P.G., see Munz, K., et al. 339
Watanabe, K., see Sasaki, F. 11
Wiegman, J.B., see Wolters, G.H.J., et al. 325
Wilander, E., see El-Salhy, M., et al. 53, 391

Wolters, G.H.J., Pasma, A., Wiegman, J.B., Konijnendijk, W.: Changes in Histochemically Detectable Calcium and Zinc During Tolbutamide-Induced Degranulation and Subsequent Regranulation of Rat Pancreatic Islets 325

Yamashita, H., see Kawata, M., et al. 21

Yokota, S., Deimann, W., Hashimoto, T., Fahimi, H.D.: Immunocytochemical Localization of Two Peroxisomal Enzymes of Lipid β-Oxidation in Specific Granules of Rat Eosinophils 425

Yokota, S., Oda, T.: Immunoelectron Microscopic Localization of Serine: Pyruvate Aminotransferase in Rat Eosinophile Leukocytes 417

Zaccone, G.: Histochemical Studies of Acid Proteoglycans and Glycoproteins and Activities of Hydrolytic and Oxidoreductive Enzymes in the Skin Epidermis of the Fish *Blennius sanguinolentus* Pallas (Teleostei: Blenniidae) 163

Indexed in Current Contents